

# **A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT**

## **Department of Highways Professional Services Procurement Bulletin 2013-01 Jefferson / I-71 NB to I-265 SB / 5-48.30**

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

### **I. PROJECT DESCRIPTION**

County – Jefferson

Route – I-71 NB to I-265 SB Ramp Modification

Item No – 5-48.30

Project Description – Phase I Preliminary Engineering and Phase II Final Roadway Design to add capacity from I-71 NB to I-265 SB by adding an auxiliary lane to the I-71 northbound approach to ramp 5 and adding an auxiliary lane for ramp 7 to KY 22. The I-265 SB auxiliary lane may need to be extended to tie in with the existing third lane for the Westport Road Interchange.

### **II. PROJECT INFORMATION**

Project Manager – Paul Davis, P.E.

User Division - Highway Design

Approximate Fee – \$300,000 (Lump Sum Fee) Phase I Preliminary Engineering and Phase II Final Roadway Design

Project Funding – Federal NH Funds

Project Length – Approximately 1.5 miles (NB I-71 MP 8.1 to MP 8.7. NB I-71 off ramp (ramp 5) MP 0.0 to MP 0.6, SB I-265 MP 34.4 to MP 34.3, and SB I-265 off ramp 7 MP 0.0 to MP 0.2)

### **III. PURPOSE AND NEED**

The project is needed for the following reasons:

- Poor traffic flow;
- Insufficient acceleration, deceleration, merging and weaving distances; and
- Safety problems, including a high number of incidents and crashes.

This ramp modification project will address the following issues:

- Increase capacity;
- Simplify the traffic flow on ramps;

- Improve access between the two major interstate routes;
- Improve geometrics; and
- Improve safety.

This interchange is directly connected to the I-265/KY 22 Interchange.

#### **IV. DBE REQUIREMENT**

The consultant team shall include a DBE Participation Plan with their response to announcement. An additional page will be allowed with the project approach in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

#### **V. SCOPE OF WORK**

The purpose of the design contract is to provide location Preliminary Engineering and Final Roadway Design for the addition of an auxiliary lane on I-75 NB approach to the off-ramp to I-265 SB (ramp 5) and the addition of an auxiliary lane on ramp 7 to KY 22. The selected consultant shall review and make recommendations concerning lane balance and weaving. The project limits may include the addition of a third lane on the I-265 SB to tie in with the existing third lane approach for the Westport Road Interchange. The Department will prepare the appropriate environmental document for approval and complete the NEPA work. The environmental document at this time is expected to be a CE Level 1.

#### **VI. SPECIAL INSTRUCTIONS**

Phase II units will be negotiated with Phase I units.

The Department may retain any of the services advertised here to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

#### **VII. AVAILABLE STUDIES**

Recommendations from the KYTC's Alternatives Study for I-71/I-265 shall be followed. A copy of the final report (by URS Corporation dated August 2010) is available on the Division of Planning webpage at the following links:

- 1) [Alternatives Study for I-71 - I-265](#)
- 2) [Studies also available on KIPDA webpage](#)

#### **VIII. METHOD OF DESIGN**

The selected consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

## **IX. ENVIRONMENTAL**

The Department will provide all Environmental Services required for the project. The Department will be responsible for conducting all appropriate environmental studies and preparing NEPA documentation commensurate with the scale of impacts identified. Prequalification in the Environmental areas is not required to be identified in the consultant's Response to Announcement.

## **X. PHOTOGRAMMETRIC SERVICES**

The Department will be responsible for obtaining mapping and LIDAR data. The Consultant shall supplement this information with conventional survey as needed.

## **XI. STRUCTURE DESIGN**

The selected consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The structure design will be performed by the selected consultant. Structure Design services may be added to the contract agreement by contract modification. Prequalification in the area of structure design is required to be identified in the Consultant's Response to Announcement.

## **XII. GEOTECHNICAL SERVICES**

The Department will provide all Geotechnical Services required for this project.

## **XIII. TRAFFIC**

Existing and future "no build" traffic volumes based on traffic data collected in 2009 are available in the aforementioned Alternatives Study (see link above). If needed for Phase II design, traffic volumes will be counted by the Department. The selected consultant may be asked to update the traffic forecast.

## **XIV. UTILITY DESIGN**

The selected consultant shall provide a project location map to the Department. The Department will send project location maps to all potential Jefferson County utility contacts to determine whether they may have existing utilities within these project limits. The Department will develop the utility contact list. Facility atlas maps received for this project will be provided to the selected consultant. All utilities including aerial carriers shall be field-verified by the consultant. Sized and types of underground and aerial utilities shall be identified on the plans for each alignment alternative in the PL&G submittal.

The Department will authorize Subsurface Utility Engineering (SUE) work to field-locate utilities as needed. Horizontal and vertical location of existing utilities shown on Phase II plans shall be adjusted by the consultant as necessary to reflect actual SUE results.

## **XV. RIGHT-OF-WAY**

The selected consultant shall identify property owners within the project limits. Property owner information shall be shown on the plans along with existing right-of-way and property lines. Right-of-way summary sheets shall be provided with the Preliminary Line and Grade submittal

showing areas of taking for each alignment alternative.

## **XVI. PREQUALIFICATION REQUIREMENTS**

To respond to this project, the consultant project team must be prequalified in the following areas by the date of this advertisement.

### ROADWAY DESIGN

- [Rural Roadway Design](#)
- [Urban Roadway Design](#)
- [Surveying](#)

### STRUCTURES

- [Spans under 500 feet](#)
- [Culvert Design](#)

### TRANSPORTATION PLANNING SERVICES

- [Traffic Forecasting](#)

### TRAFFIC ENGINEERING SERVICES

- [Electrical Engineering Services](#)

## **XVII. PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE • August 8<sup>th</sup>, 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • August 13<sup>th</sup>, 2012

SECOND SELECTION COMMITTEE • August 29<sup>th</sup>, 2012

PRE-DESIGN CONFERENCE • September 8<sup>th</sup>, 2012

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • October 1<sup>st</sup>, 2012

CONTRACT NEGOTIATIONS • October 15<sup>th</sup>, 2012

NOTICE TO PROCEED • December 1<sup>st</sup>, 2012

## **XVIII. PROJECT SCHEDULE**

PL&G INSPECTION MTG (PDT DECIDE PREFERRED ALT) • January, 2013

SUBMIT DES • February, 2013

JOINT INSPECTION • February, 2013

SUBMIT FINAL RIGHT-OF-WAY PLANS • March, 2013

FINAL PLANS & CONSTRUCTION REVIEW • July, 2013

CHECK PRINT SUBMITTAL • March, 2014

FINAL PLANS AND SPECS • May, 2014

## **XIX. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (15 Points)
5. DBE Participation Plan. (4 points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

## **XX. SELECTION COMMITTEE MEMBERS**

1. Paul Davis, P.E., User Division
2. **Boday Borres, P.E.**, User Division
3. Sam Hale, P.E., Secretary's Pool
4. Tim Pyles, P.E., Secretary's Pool
5. David Eaton, Governor's Pool



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Ramp Modification  
Jefferson County, Kentucky  
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